Navijin

DATASHEET

VIDEO SURVEILLANCE / DEDICATED CAMERA

ICB-N3785

2MP Thermal & Optical Bi-spectrum Camera

PRODUCT PAGE

Wide-Area Monitoring

ICB-N3785



Overview

The Navijin ICB-N3785 is a specialist IP camera for applications that need more than a standard camera – 2MP Thermal & Optical Bi-spectrum Camera. Key specifications include: Max. image resolution: 2MP(1920x1080); Real-Time Temperature Measurement; Up to 0.3°C Temperature Accuracy. It is used for wide-area monitoring, long-distance tracking or temperature screening at sites such as oil and gas facilities, ports, airports, warehouses, campuses and city surveillance projects.

Key Features

- Max. image resolution: 2MP(1920x1080)
- Real-Time Temperature Measurement
- Up to 0.3°C Temperature Accuracy
- Support Micro SD Card (128G)
- Support Poe Power Supply

Thermal Camera

Detector Type	Uncooled LWIR module
Effective Pixels	384x288
Pixel Size	17μm
Spectral Range	8-14μm
NETD	<60mk(@25°C,F#=1.0, 300K, 50Hz)
Lens Type	9.1mm
Angle of view	39°x30°

Frame rate	40Hz
Color Palettes	Black-Heat/White-Heat/Rainbow etc.

Visible Camera

Image sensor	1/2.8"SONY starlight CMOS
Min. Illumination	0Lux/F1.4(IR on)Color:0.01Lux/F1.4, B/W:0.001Lux/F1.4
Day/Night	ICR switch, auto, color, B/W, ext
Lens	6mm M12 lens
Video compression	H.264
H.264 Encoding	BaseLine/Main Profile/High Profile
Encoding features	NTSC: Main stream: 1920x1080@30fps, Sub-stream: D1@30fps PAL: Main stream: 1920x1080@25fpss, Sub-stream: D1@25fps
Max. Resolution	1920x1080

Network

Network Protocol	TCP/IP, UDP, HTTP, HTTPS, DHCP, PPPoE, RTSP, RTMP, DDNS, UPnP, NTP, SMTP
Interface Protocol	Onvif
Preview Monitoring	Mobile Phone/IMS/NVR/Browser
Simultaneous Live View	Up to 2-ch
User	User add/modify/delete, permission management
Security	Authorized user name and password, HTTPS encryption and AES link encryption, RTSP

Temperature Measurement

Measurement Distance	2-5m(Suggest 3m)
Accuracy	±0.3°C(with blackbody)
Measurement Range	30-45°C
Detection target	10 person
Face detect	Support for multi-target face detection, temperature measurement
Temperature alarm	Support high temperature alarm

Interface

Ethernet Interface	1x RJ45 10M/100M network-adaptive Ethernet port
Audio	Built-in MIC
On-Board Storage	Built-in memory card slot, support Micro SD(SDHC/SDXC) card, up to 128GB

General

Power Supply	PoE (802.3at) / DC 12V

Power Consumption	≤10W
Dimensions(mm)	315.15mm x 48.44mm x 71.26mm
Operating Temperature	-10°C ~ 50°C
Operating Humidity	0%-90%
Weight	1.66Kg

Warranty & support Local RMA and technical support through our regional hub in Dubai and our authorized partners. Certificates and project pricing on request. **navijin.com** · **sales@navijin.com**

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